

Amendments to the Claims

Please AMEND Claims 43, 49, 73 and 77 to read as follows.

Please CANCEL Claims 75, 76, 79, 80 and 83 without prejudice to or disclaimer of the subject matter recited therein.

Please ADD new Claims 84-86.

1-42. (Canceled).

43. (Currently Amended) An information processing apparatus capable of communicating with a printing apparatus for executing a printing operation, the information processing apparatus comprising:

setting means for setting, via a GUI in the information processing apparatus, a print-out format for single print data in a first mode, and for setting a plurality of different print-out formats for single print data in a second mode;

producing means for producing a print job to be printed by the printing apparatus in accordance with said setting means, the print job including a command part describing a group of job commands and a print data part describing print data by a print language, wherein the group of job commands described in the second mode includes a print control command representing the second mode for enabling the printing apparatus to execute a printing operation of ~~a~~ the plurality of different print-out formats from the ~~common~~ single print data described in the print data part; and

sending means for sending the print job produced by said producing means to the printing apparatus,

wherein, in the printing apparatus, the printing operation for the print-out format is executed from the single print data for a print job produced in accordance with the setting in the first mode, and the printing operation for the plurality of different print-out formats is executed from the single print data for a print job produced in accordance with the setting in the second mode.

44. (Cancelled)

45. (Previously Presented) An information processing apparatus according to Claim 43, wherein the plurality of different print-out formats includes one format in which one page is printed out on one sheet and another format in which a plurality of pages are printed out on one sheet.

46-48. (Cancelled)

49. (Currently Amended) A method of controlling an information processing apparatus capable of communicating with a printing apparatus, for executing a printing operation, said method comprising:

a setting step for setting, via a GUI in the information processing apparatus, a print-out format for single print data in a first mode, and for setting a plurality of different print-out formats for single print data in a second mode;

a producing step for producing a print job to be printed by the printing apparatus in accordance with said setting step, the print job including a command part describing a group of job commands and a print data part describing print data by a print language, wherein the group of job commands described in the second mode includes a print control command representing the second mode for enabling the printing apparatus to execute a printing operation of ~~a~~ the plurality of different print-out formats from the ~~common~~ single print data described in the print data part; and

a sending step for sending the print job produced in said producing step to the printing apparatus.

wherein, in the printing apparatus, the printing operation for the print-out format is executed from the single print data for a print job produced in accordance with the setting in the first mode, and the printing operation for the plurality of different print-out formats is executed from the single print data for a print job produced in accordance with the setting in the second mode.

50. (Cancelled)

51. (Previously Presented) A method according to Claim 49, wherein the plurality of different print-out formats includes one format in which one page is printed out on one sheet and another format in which a plurality of pages are printed out on one sheet.

52-72. (Cancelled)

73. (Currently Amended) An information processing apparatus capable of producing a print job to be printed by a printing apparatus, the print job including a command part and a print data part, the information processing apparatus comprising:
user interface means for setting a first print setting and a second print setting from the information processing apparatus so that the printing apparatus can output the print data part included in one print job in a first output format and in a second output format, respectively;

setting means for setting a first print control command to specify the first output format based on the first print setting and a second print control command to specify the second output format based on the second print setting to the command part included in the print job so that the printing apparatus can output the print data part included in the print job in the first output format and in the second output format, respectively;

producing means for producing the print job including the command part and the print data part, the command part including the first and the second print control commands set by said setting means; and

sending means for sending the print job produced by said producing means to the printing apparatus,

wherein, in the printing apparatus, a printing operation of the first output format based on the first print setting and a printing operation of the second output format based on the second print setting are executed by using the print data part of the same print job.

74. (Previously Presented) An information processing apparatus according to Claim 73, wherein the first output format and the second output format are different N-up layout printings.

75-76. (Cancelled)

77. (Currently Amended) An information processing method capable of producing a print job to be printed by a printing apparatus, the print job including a command part and a print data part, the information processing method comprising:
a user interface step for setting a first print setting and a second print setting so that the printing apparatus can output the print data part included in one print job in a first output format and in a second output format, respectively;
a setting step for setting a first print control command to specify the first output format based on the first print setting and a second print control command to specify the second output format based on the second print setting to the command part included in the

print job so that the printing apparatus can output the print data part included in the print job in the first output format and in the second output format, respectively;

a producing step for producing the print job including the command part and the print data part, the command part including the first and the second print control commands set in said setting step; and

a sending step for sending the print job produced in said producing step to the printing apparatus,

wherein, in the printing apparatus, a printing operation of the first output format based on the first print setting and a printing operation of the second output format based on the second print setting are executed by using the print data part of the same print job.

78 (Previously Presented) An information processing method according to Claim 77, wherein the first output format and the second output format are different N-up layout printings.

79-80. (Cancelled)

81. (Previously Presented) A computer readable medium storing a control program for implementing the method according to Claim 49.

82. (Previously Presented) A computer readable medium storing a control program for implementing the method according to Claim 77.

83. (Cancelled)

84. (New) A printing system comprising an information processing apparatus and a printing apparatus,

wherein the information processing apparatus and the printing apparatus are connected through a communication medium,

wherein the information processing apparatus comprises:

user interface means for setting a first print setting and a second print setting so that a print data part included in one print job is output in each of a first output format and a second output format;

setting means for setting a print control command to specify the first output format based on the first print setting and a print control command to specify the second output format based on the second print setting to a command part included in the one print job, in order to output the print data part included in the one print job in each of the first output format and the second output format;

producing means for producing the one print job including the command part and the print data part, the command part including a print control command set by the setting means; and

sending means for sending the one print job produced by the producing means to the printing apparatus, and

wherein the printing apparatus comprises:

receiving means for receiving the one print job including the command part and the print data part from the information processing apparatus;

interpreting means for interpreting the command part included in the one print job;

producing means for producing print image data from the print data part included in the one print job in accordance with the interpretation of the command data by the interpreting means; and

printout performing means for performing a printout on a printing medium based on the print image data produced by the producing means,

wherein the producing means produces the print image data of the first output format from the print data part by the interpretation of the interpreting means for the first print setting included in the command part, and produce the print image data of the second output format from the print data part by the interpretation of the interpreting means for the second print setting included in the command part.

85. (New) An information processing method and a printing method,

wherein the information processing method comprises:

a user interface step for setting a first print setting and a second print setting

so that a print data part included in one print job is output in each of a first output format and a second output format;

a setting step for setting a print control command to specify the first output format based on the first print setting and a print control command to specify the second output format based on the second print setting to a command part included in the one print job, in order to output the print data part included in the one print job in each of the first output format and the second output format;

a producing step for producing the one print job including the command part and the print data part, the command part including a print control command set by the setting means; and

a sending step for sending the one print job produced by the producing means to a printing apparatus, and

wherein the printing method comprises:

a receiving step for receiving the one print job including the command part and the print data part from an information processing apparatus;

an interpreting step for interpreting the command part included in the one print job;

a producing step for producing print image data from the print data part included in the one print job in accordance with the interpretation of the command data in the interpreting step; and

a printout performing step for performing a printout on a printing medium based on the print image data produced in the producing step, wherein the producing step produces the print image data of the first output format from the print data part by the interpretation in the interpreting step for the first print setting included in the command part, and produce the print image data of the second output format from the print data part by the interpretation in the interpreting step for the second print setting included in the command part.

86. (New) A computer readable medium storing a control program for implementing the method according to Claim 85.